

Title (en)

POWER SUPPLY SYSTEM FOR SMART TOILET

Title (de)

STROMVERSORGUNGSSYSTEM FÜR INTELLIGENTE TOILETTE

Title (fr)

SYSTÈME D'ALIMENTATION ÉLECTRIQUE POUR TOILETTES INTELLIGENTES

Publication

EP 4207527 A1 20230705 (EN)

Application

EP 22216482 A 20221223

Priority

- CN 202123382742 U 20211229
- US 202218086567 A 20221221

Abstract (en)

A power supply system for a toilet includes a controller power supply circuit, including an input end electrically connected to an external power supply and an output end. The system also includes an assembly driving power supply circuit, including an input end electrically connected to the external power supply and an output end. The power supply system also includes a controller circuit, including a power supply end electrically connected to the output end of the controller power supply circuit and an output end communicably connected to a control end of a switch control circuit of the assembly driving power supply circuit. The system also includes a driving component circuit, including a power supply end electrically connected to the output end of the assembly driving power supply circuit. An output power of the controller power supply circuit is lower than an output power of the assembly driving power supply circuit.

IPC 8 full level

E03C 1/05 (2006.01); **H02J 1/10** (2006.01)

CPC (source: EP)

E03D 5/10 (2013.01); **H02J 1/109** (2020.01); **E03C 1/055** (2013.01)

Citation (search report)

- [X] US 2010168926 A1 20100701 - BAYLEY GRAEME S [US], et al
- [X] US 10747361 B2 20200818 - WU TSUNG-TING [TW], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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